

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a presentation supporting system with the improved picture quality at colored edges of a resulting image. The presentation supporting system of the invention includes: a data input generation module that converts input analog data of an image into digital data expressed in an RGB color space to generate RGB image data; a data processing module that compresses the generated RGB image data to G-R/B image data of a compressed data volume by elimination of an R component and B component among R, G, and B components included in the RGB image data of each pixel, with regard to every other pixels in a main scanning direction of the image; a storage module that has a data bus of a predetermined bus width and temporarily stores the compressed G-R/B image data via the data bus; a data conversion module that reads the G-R/B image data from the storage module and interpolates the eliminated R component and B component, so as to convert the G-R/B image data into reproduced RGB image data including all the R, G, and B components with regard to each pixel; and a data output module that outputs the reproduced RGB image data to the display device.

Drawing to be Selected: Fig. 1